Polaroid

USER'S MANUAL

DAV-3900

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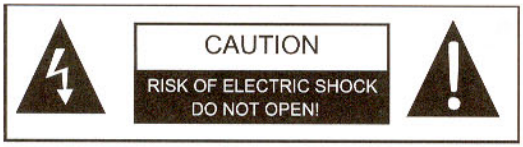
SAFETY PRECAUTIONS



WARNING: To reduce the risk of fire or electric shock, DO NOT expose this product to rain or moisture.

The lighting flash with arrowhead symbol,within an triangle, alerts the user to "dangerous voltage" which could cause electric shock

The exclamation point within a triangle indicates to the user to read important operating and maintenance instructions in the manual

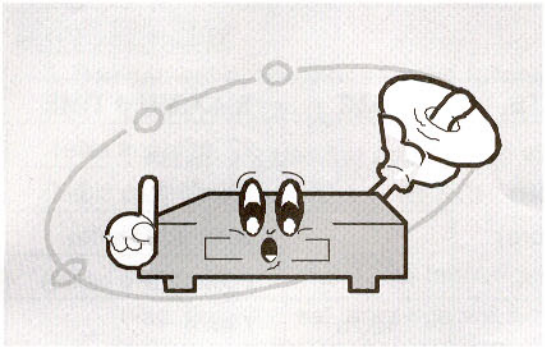
IMPORTANT FOR LASER PRODUCTS

1. CLASS 1 LASER PRODUCT
2. **DANGER:** Visible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION:** Do not open the top cover. There are no user service-able parts inside the unit. Leave all servicing to qualified service personnel.

NOTES

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this equipment near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings or holes. Install according to the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produces heat.
9. Must be plugged into a polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the product.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the product. When a cart is used, use caution when moving the cart/equipment combination to avoid injury from tip-over.
13. Unplug the product during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service person. Servicing is required when the product has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the product, exposed to rain or moisture, does not operate normally, or has been dropped.

FEATURES



DUAL COMPATIBILITY

Supports both "Progressive scan" and "Interlaced" televisions.

IMPORTANT: Ensure the selection switch on the back of the DVD player matches your television type.

DIGITAL HOME THEATER SYSTEM

1. Digital Audio/Video All-in-One

Enjoy digital Audio/Video media in hi-resolution with hi-fi sound. This Digital Home Theater System includes a DVD player, digital six-channel hi-fi amplifier and digital AM/FM radio.

2. Compatibility

DVD, CD, CD-R, CD-RW and MP3 disc compatible.

DVD FUNCTIONS

1. High Resolution

Progressive scan function doubles the vertical resolution of a normal DVD player.

2. Superior sound

Built-in Dolby AC-3 decoder to output digital audio signals to reproduce high quality sound effects.

3. Complete Range of Output Jacks

Video, S-Video, Y/Pb(Cb)/Pr(Cr), optical, coaxial and 2ch audio out.

4. Special Functions

Supports multi-angle and multi-language Playback for enjoying unique video features.

5. Video Output

Standard video, S-video and Y/Pb/Pr output. Supports progressive scan signal output.

6. Audio Output

2ch analog audio output, and optical and coaxial digital audio output can be connected to many amplifiers.

7. Screen

Supports 4:3 and 16:9 aspect ratios.

8. Parental Control

Control the playback of disc contents with this function.

9. Zoom Function

The picture can be enlarged whenever required to enhance viewing.

10. Search By Time

Search for desired content quickly, especially for finding favorite scenes.

HI-FI PURE DIGITAL AMPLIFIER

1. Full digital amplifier with six built-in separate amplifying units.
2. Two front speakers, one center speaker, two surround speakers and one subwoofer.
3. Two-line external analog stereo audio input amplifliers.
4. Can shift between 2ch and 4ch, 4ch and 6ch (for DVD discs with 6ch).
5. The volume of the front, surround, center and subwoofer can be controlled independently, or together, and settings can be memorized.
6. Subwoofer outputs high power to produce intense bass.

RADIO FUNCTIONS

1. Receive AM/FM signals clearly.
2. Search for radio stations automatically.
3. Memorize radio stations easily.
4. Search for radio stations in high or low frequency ranges.

DISC INFORMATION

DISCS THAT CAN BE PLAYED

	DISC LOGO	CONTENTS	SIZE	MAXIMUM TIME
DVD	DVD VIDEO	Audio+Video (active picture)	12cm	120min(one side)
				240min(two sides)
			8cm	80min(one side)
				160min(two sides)
CD	COMPACT disc DIGITAL AUDIO	Audio	12cm	74min
			8cm	20min
MP3		Audio	12cm	600min

◆ The disc manufacturer specifies operation instructions for some DVD discs. Please refer to the disc's instruction manual for details.

NOTES

1. Using Discs

Do not touch the playing surface of the compact disc.

Do not stick paper and labels on the disc.

Do not expose discs to direct sunlight.

Do not place discs near water or in dusty areas.

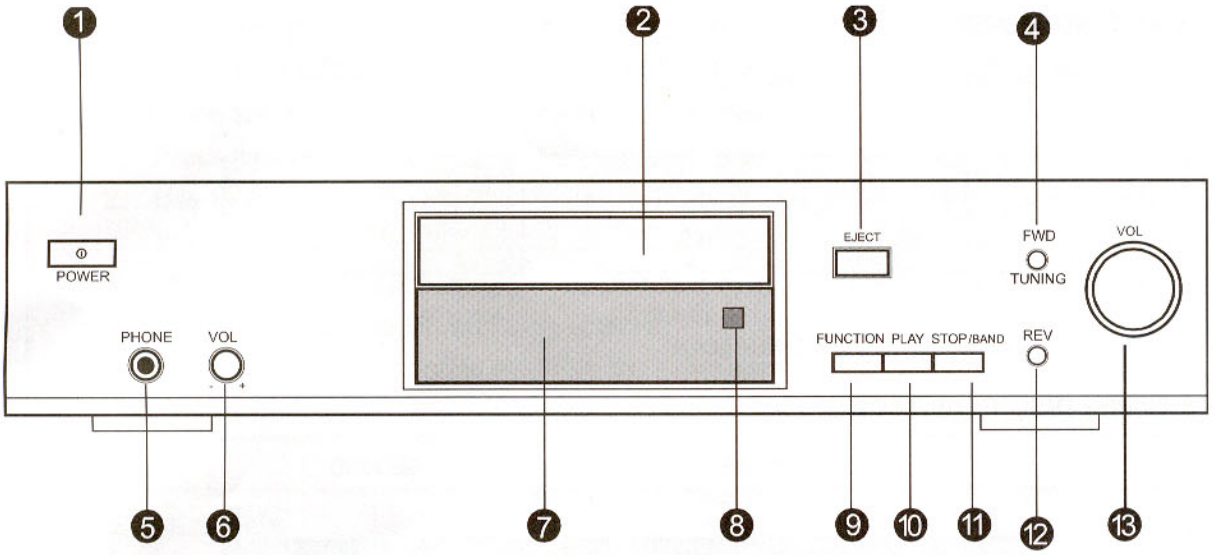
2. Cleaning Discs

If a disc has fingerprints or is dusty, lightly wipe the disc with a soft cloth (or similar) from the center of the disc outward in a radial manner.

Never use record cleaning sprays, benzine, thinner, static electricity prevention liquids or any other solvents to clean your discs.

PARTS INTRODUCTION

FRONT PANEL

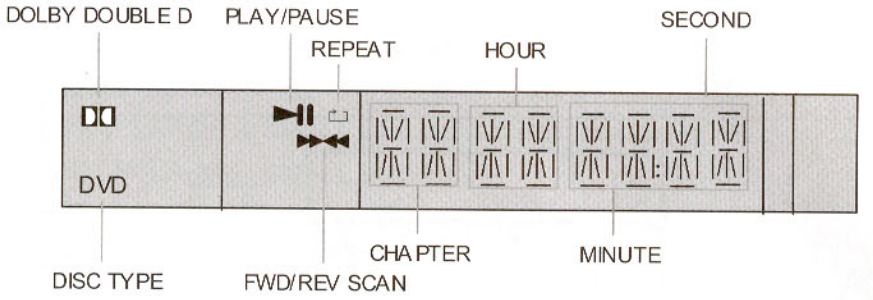


1. **POWER button**
   -Press to turn the power on or off.
2. **Disc tray**
   -Used to load disc.
3. **EJECT button**
   -Press to open or close the disc tray.
4. **FWD SCAN button**
   -Press to scan forward in DVD playback.
   -Press to tune in high frequency radio stations.
5. **Headphone jack**
   -Connection for a headphone.
6. **Headphone volume knob**
   -Used to adjust volume in the headphone.
7. **Display panel**
   -Displays status information.
8. **Remote sensor**
   -Receives remote control signals for operation.
9. **FUNCTION button**
   -Press to select DVD, Radio, Audio In 1 or Audio In 2.
10. **PLAY button**
    -Press to begin playback of the inserted disc.
11. **STOP/BAND button**
    -Press to stop playback in DVD playback.
    -Press to shift between AM and FM radio.
    -Press to stop tuning when auto tuning activated.
12. **REV SCAN button**
    -Press to scan reverse in DVD playback.
    -Press to tune in low frequency radio stations.
13. **VOL adjusting knob**
    -Turn clockwise to raise the volume and anti-clockwise to lower the volume of the amplifier.

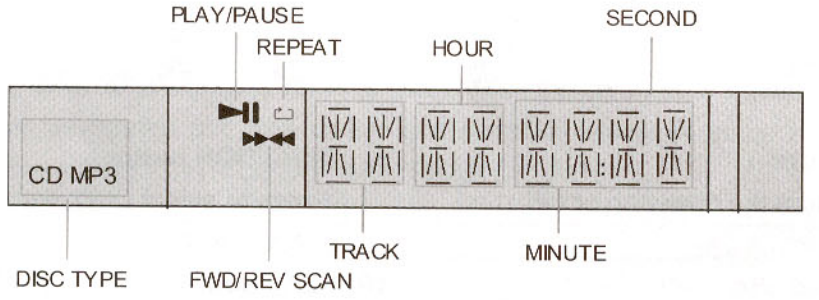
PARTS INTRODUCTION

DISPLAY PANEL

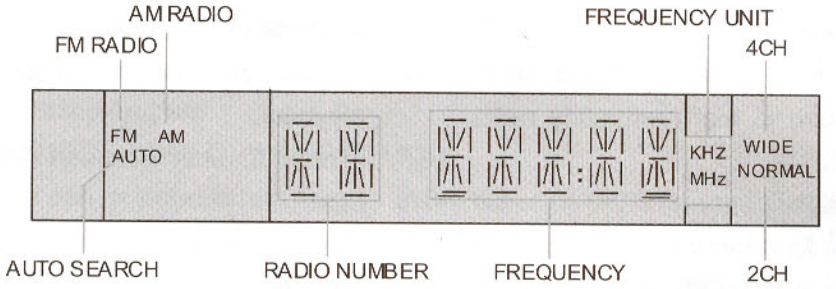
DVD DISC PLAYBACK



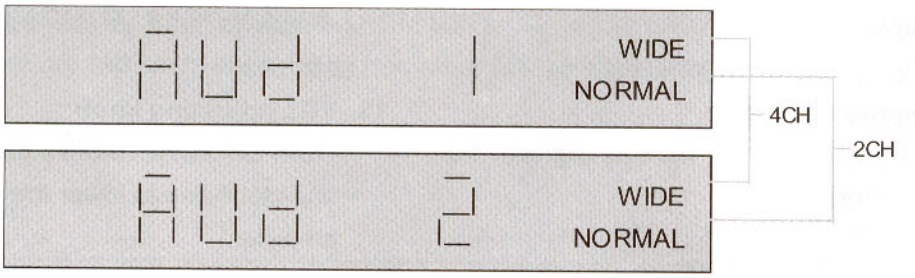
CD/MP3 DISC PLAYBACK



RADIO

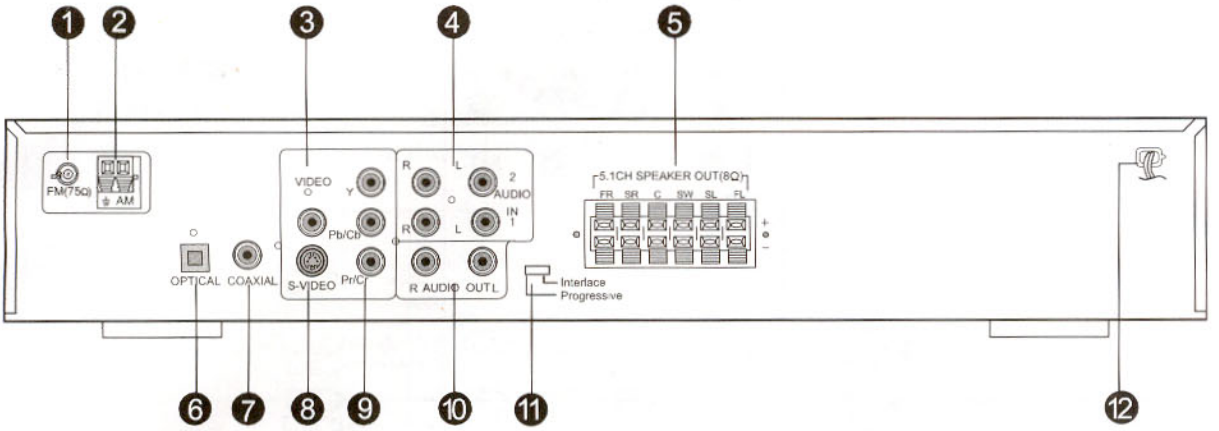


EXTERNAL SIGNAL INPUT 1 & 2



PARTS INTRODUCTION

REAR PANEL



1. **FM 75 Ω coaxial antenna jack**
2. **AM antenna jack**
3. **Video output jack**
4. **Audio input jacks**
5. **5.1ch speaker audio output jacks**
6. **Optical digital audio output jack**
7. **Coaxial digital audio output jack**
8. **S-Video output jack**
9. **Y Pb(Cb)Pr(Cr) output jacks**
10. **Stereo audio output jacks**
11. **Switch between progressive scan and interlace**
12. **Power-supply cord**

◆ A fan at the rear panel of the player will run when the internal temperature of the amplifier rises.

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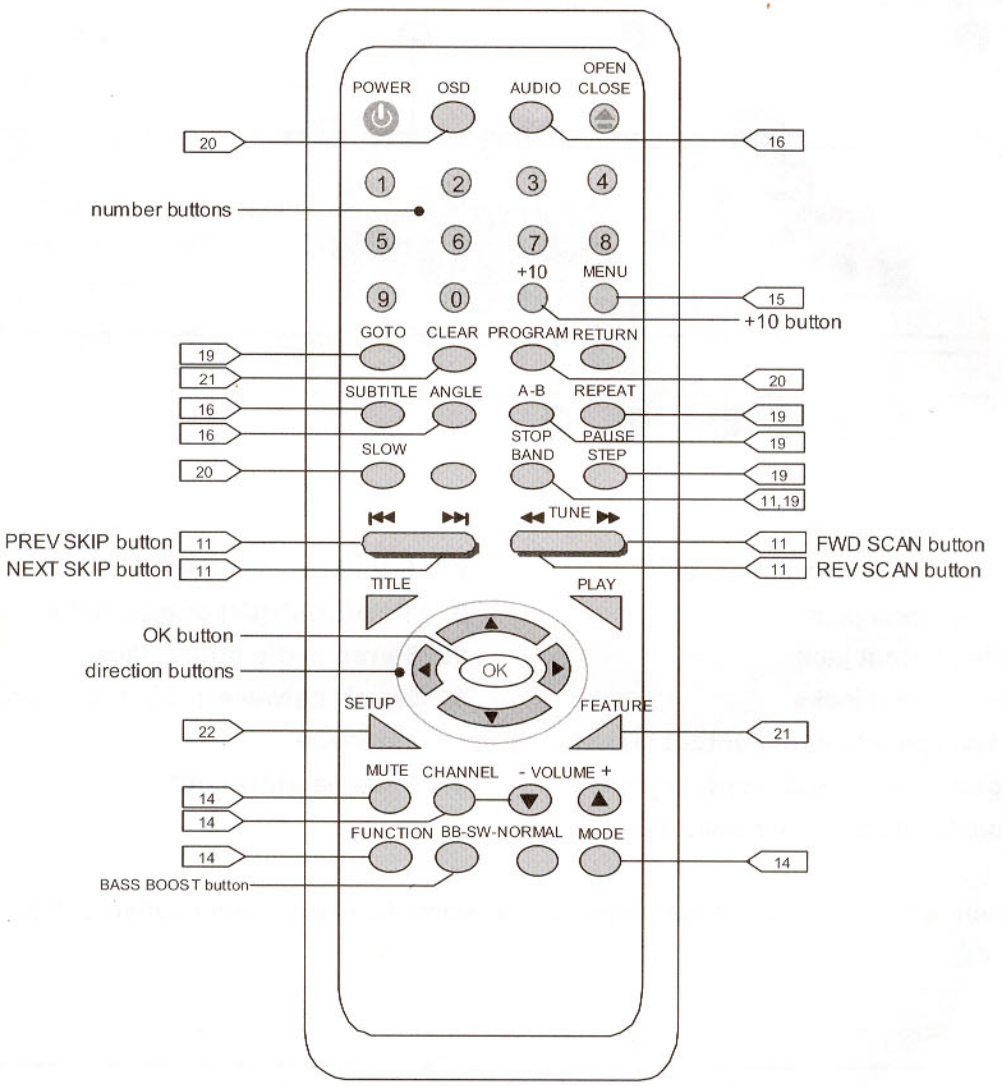
PARTS INTRODUCTION

REMOTE CONTROL

The numbers in [XX] represent the corresponding instruction page.



USE OF REMOTE CONTROL

Open the battery case cover, and insert two "AAA" batteries according to the indications (+,-) inside the compartment. Point the remote control at the remote sensor for operation within an angle of 60° and a distance of 7m. Remove any obstructions between the remote control and the remote sensor.

- Normally the batteries can last for approximately six months. If the remote control does not work, replace the batteries.
- If the player is not used for a long time, take out the batteries to prevent leakage and possible damage to the remote control.

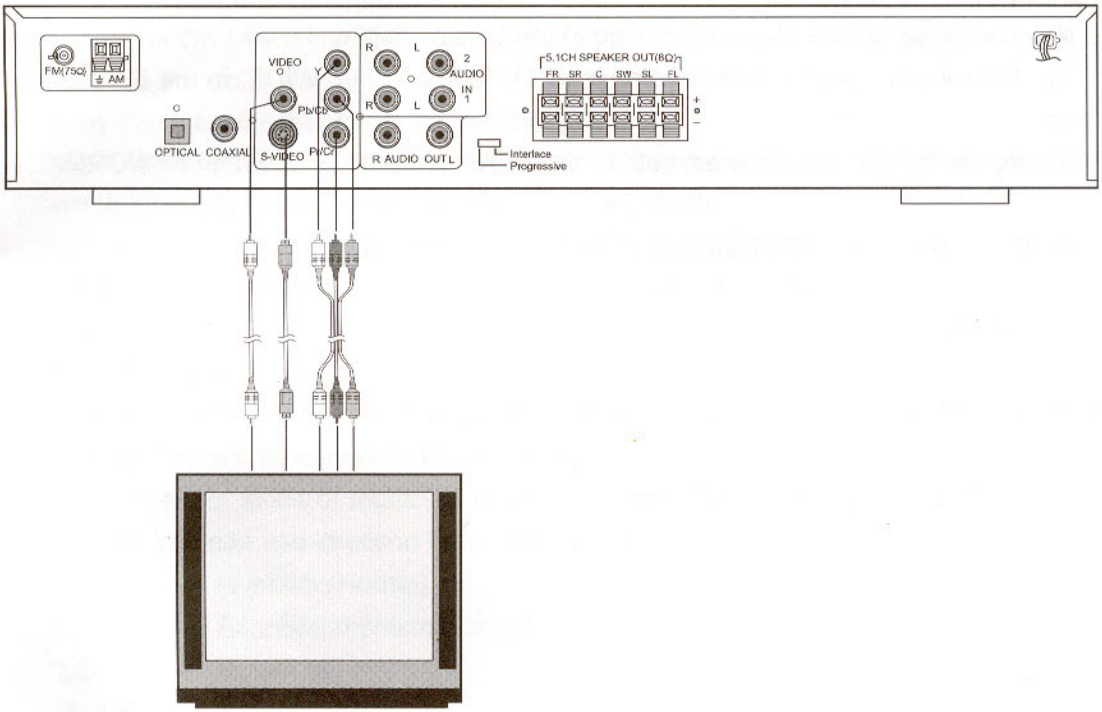
SYSTEM CONNECTION

- Do not connect the power cord until all other connections have been made.
- The Home Theater System has a 2ch analog audio output, a S-video output, a digital audio output (optical & coaxial) and a component output. You can choose the appropriate one to connect to your television.

Connecting the PLAYER and TV

Connections should be made as follows:

In the figure below the VIDEO OUT, S-VIDEO OUT and COMPONENT OUT jacks are shown. If the TV has S-VIDEO IN or COMPONENT IN jacks, you can achieve a more vivid picture by using these connections.



- Y/Cb/Cr jacks correspond to Y/ Pb/Pr jacks respectively.

SYSTEM CONNECTION

1. Y/Pb/Pr connection

If a display device with Y/Pb/Pr jacks is connected, then you should connect the jacks with three Y/Pb/Pr cables:

- **IMPORTANT:** Y/Pb/Pr uses progressive scan. Please move the switch on the rear panel to the "progressive" setting.

2. Y/Cb/Cr connection

If a display device with Y/Cb/Cr jacks is connected, then you should connect the jacks with three Y/Cb/Cr cables:

- **IMPORTANT:** Y/Cb/Cr uses interlacing. Please move switch on the rear panel to the "interlace" setting.

3. Setup of the Player

You should set up the player according to the type of display device.

1) If a wide screen TV is connected, set "TV DISPLAY" to "WIDE" in the General Setup menu.

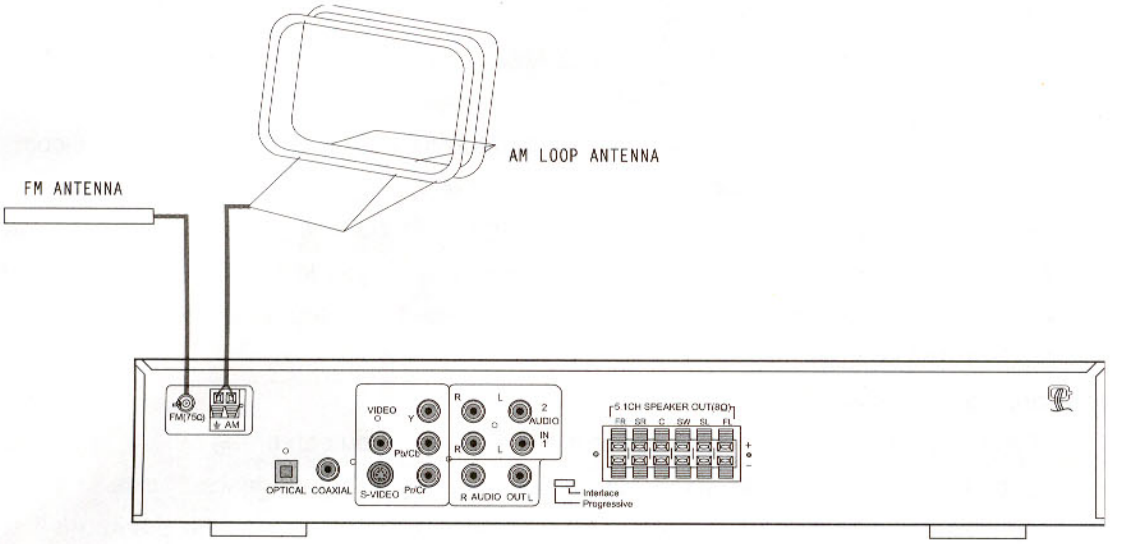
2) If a normal TV is connected, set "TV DISPLAY" to be "NORMAL/PS" or "NORMAL/LB".

- Player setup is only effective in when playback is stopped.

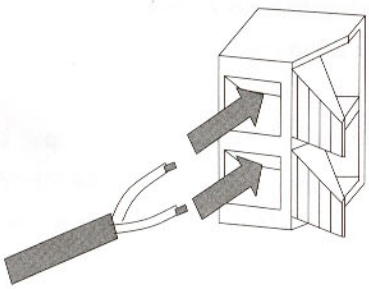
SYSTEM CONNECTION

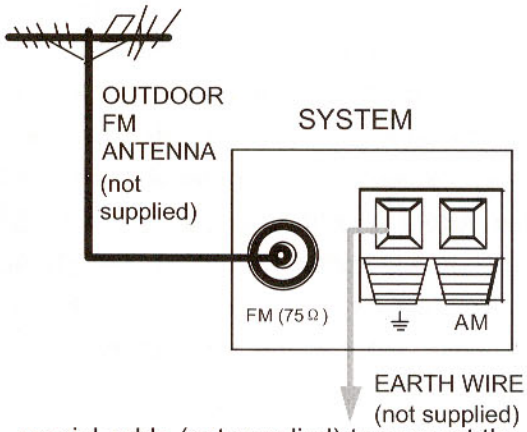
Connecting the PLAYER and ANTENNA

Connect the supplied AM and FM antennas to listen to the radio.



- In order to improve the signal, move the AM loop antenna away from the system and other equipment.
- Extend the FM antenna fully.
- Keep the FM antenna as horizontal as possible after connection.
- When connecting the supplied AM loop antenna, connect the two black cords to the AM and ground jacks as shown below:





- If FM reception is poor, please use a 75Ω coaxial cable (not supplied) to connect the system to an outdoor FM antenna as shown above.

  Note: If you connect the system to an outdoor FM antenna, you should earth the system in order to avoid lightning strikes. **IMPORTANT:** Do not connect the earth wire to a gas pipe to prevent a gas explosion.

SYSTEM CONNECTION

RADIO FUNCTIONS

The player has AM and FM radio functions to receive clear radio stations.

Operation steps:

1. Press the FUNCTION button to change to Radio.
2. Then press the STOP/BAND button to select AM or FM signals.
3. Press the TUNE button to select the radio station frequency.
   1) Change frequency by pressing the UP or DOWN direction buttons. The display panel will display the radio frequency.
   2) Select radio stations automatically by pressing the ◀◀ TUNE or ▶▶ TUNE scan buttons. When the station is found, the auto search will stop. If you like the station, press the OK button to memorize this station. If you want to stop searching, press the STOP/BAND button.
4. Memorizing radio stations

   If you like a radio station and want to listen to it later, you can press the OK button to memorize it. The memory location number on the display panel flashes twice to show that the memorization has been done. The first memorized station will be put in the first memory location number. If you memorize other radio stations, then they will be memorized in the second memory location number, third memory location number, and so on. This player can store 16 AM and 16 FM radio stations. When you memorize the seventeenth ratio station, it will replace the first one, and so on.
5. Accessing memorized radio stations

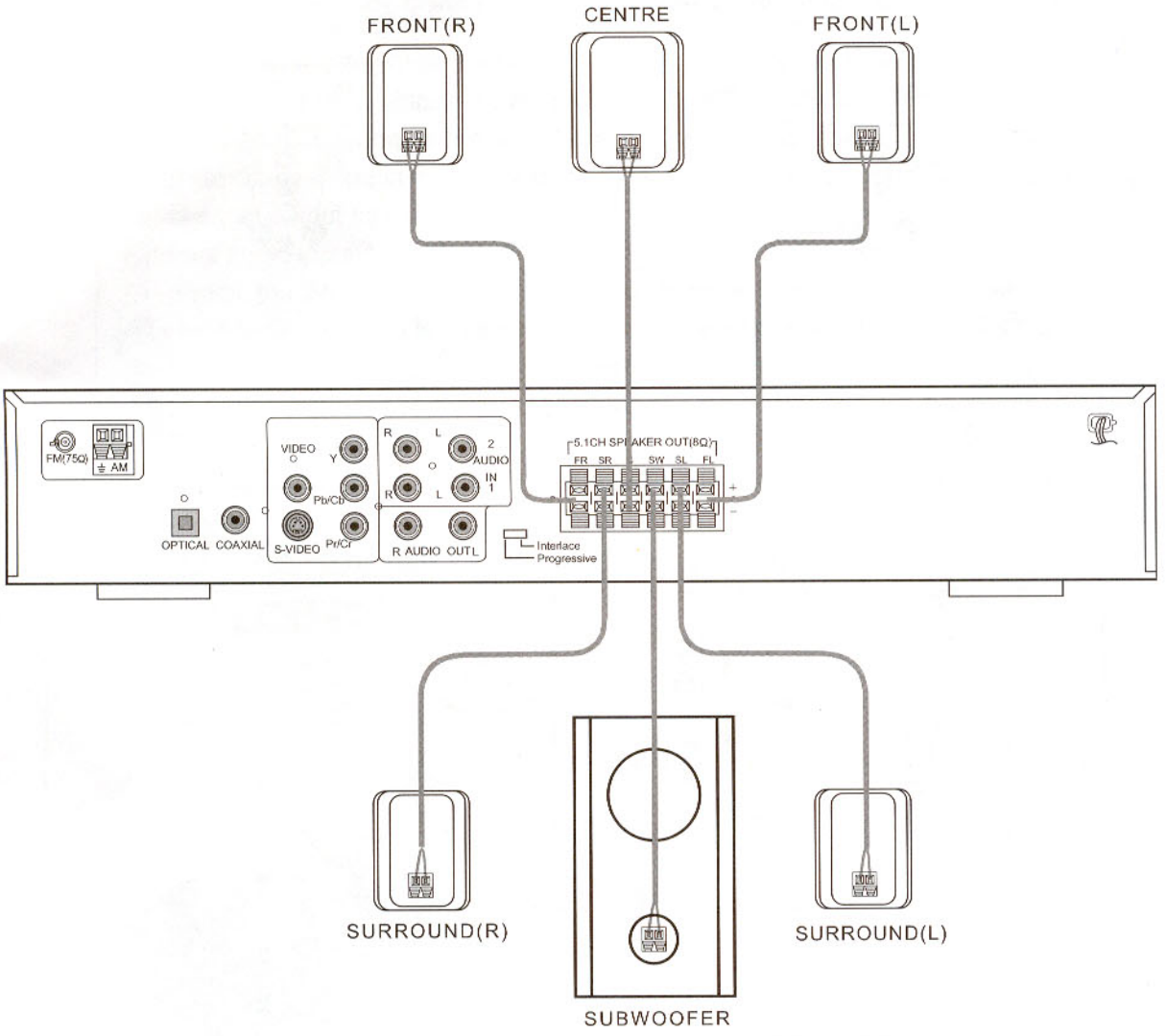
   If you know the memory location number of a radio station you have memorized, you can press the number buttons on the remote control to access it. Press the +10 button to select the tenth memory location. To access a memory location above 10, press the ▶▶| button to access the next higher number of memory location , and the |◀◀ button to access the next lower number of memory location .
6. When listening to the radio, press the MODE button to select two-channel output to the front right and front left speakers. NORMAL displays in display panel. Press the MODE button again for four-channel output to the front right, front left, center and subwoofer speakers. WIDE displays in display panel.

SYSTEM CONNECTION

Connecting the SPEAKERS to the PLAYER

Use the supplied cables to connect the player to the speakers. Note that the polarity should be correct. **IMPORTANT:** Do not connect the player to speakers other than those supplied.

In order to enhance sound quality please refer to the speaker placement section on the next page.



SYSTEM CONNECTION

SPEAKER PLACEMENT

In order to enhance sound quality, all speakers (except the subwoofer) should be at equal distances from the listening position (A).

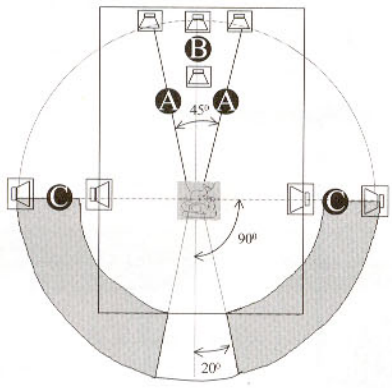
However, if needed, you can move the center speaker 1.6m closer to the listening position (B), and move the surround speakers 4.6m closer to the listening position (C).

The front speakers can be placed between 1.0-15.0m from the listening position (A).

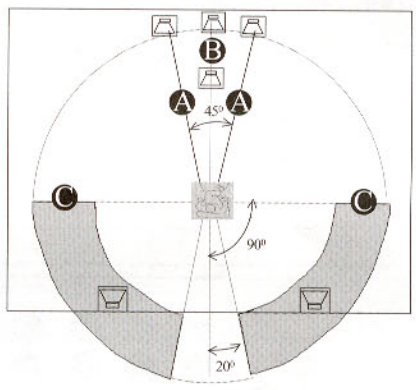
The subwoofer can be placed anywhere.

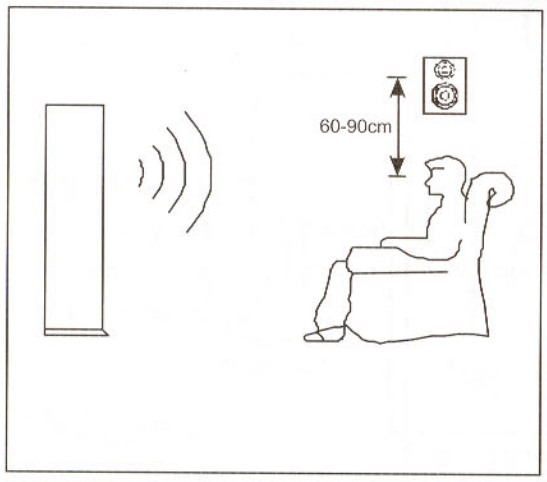
You can place the surround speakers beside or behind you depending on the shape of your room.

Beside you

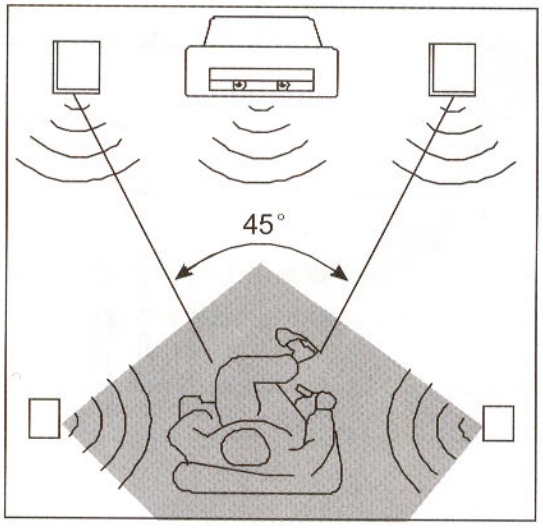


Behind you





If possible, place the surround speakers on the two side walls opposite to each other, 60-90cm higher than the listener.



There should be 45° between the front speakers. The center speaker can be placed in the same plane as the front speakers.

DIGITAL AMPLIFIER

The digital amplifier of this digital home theater system has the following features:

1. Hi-fi amplifier.
2. Full digital audio amplifier.
3. More than 80% efficient.
4. Dual channel analog stereo input jacks.

Operation introduction of the digital amplifier:

1. Press the FUNCTION button to select radio, external input 1, external input 2 or DVD.
2. Press the MUTE button to mute the sound. Press the MUTE button again to resume.
3. If you want to adjust the volume of a particular speaker (front left/right, subwoofer, center, surround left/right or the whole system), press the CHANNEL button to choose which one needs adjusting and then press VOLUME- or VOLUME+ to adjust.
4. Press the MODE button on the remote control to select BYPASS in the display panel, to set six-channel output for DVD playback, three-channel output for CD playback, and two-channel output for MP3 playback.
5. External audio input 1 and 2:
   1) Press the MODE button to select two-channel output (display panel displays NORMAL) or four-channel output (display panel displays WIDE).
   2) The input signal sensitivity of the external audio input 1 is 200mV, and 800mV for external audio input 2. It is recommended that audio input 1 be used for weak audio sources.

The following shows the front display when adjusting the system volume (all speakers) or separate volumes.

SUBWOOFER CENTRE ALL VOL FRONT L/R SURROUND L/R

NORMAL OPERATION

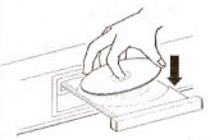
Preparation: After connections have been made, you should turn on the TV and select the relevant video input before playback.

1. Turn on the player's power

Press the POWER button on the front panel to turn on the power. When the power is on, the player will search for a disc and play it automatically.

2. Press the EJECT button on the front panel or the OPEN/CLOSE button on the remote control to open the disc tray.

3. Load the disc (label side facing up)



Load the disc as shown in left figure in order to not damage the disc or the player.

4. Press the OPEN/CLOSE button or the EJECT button to close the disc tray and begin playback.

Warning: Do not play poor quality discs which may damage the player's lens.

DVD PLAYBACK

MENU

Normally there is a selecting menu for DVD discs. You can press the MENU button to enter the menu, and use the direction buttons to highlight an item you would like to select. Press the OK button to select it.

TITLE & CHAPTER

Normally there are several titles on a DVD disc, and several chapters (sections). You can select any specific title or chapter quickly by using the number buttons to enter the number of the chapter.

REGION CODE

This DVD player plays Region 1 DVD discs.

NORMAL OPERATION

LANGUAGE (AUDIO)

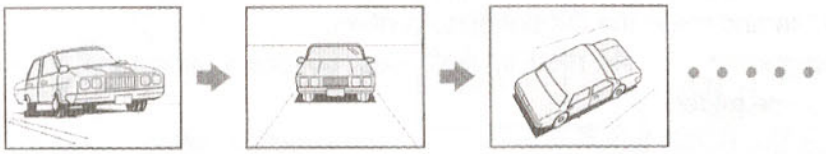
There can be up to 8 audio languages on a DVD disc. When you play a multi-language DVD disc you can use the AUDIO button on the remote control to select a language.

SUBTITLE

The DVD player can support up to 32 kinds of subtitles. When you play a multi-subtitle disc you can use the SUBTITLE button to select different subtitles.

ANGLE

The DVD player supports multi-angle scenes. Multi-angle means that a scene is shot from different angles so that the audience can watch from any angle. If the disc you are watching contains multiple angles, you can use the ANGLE button to select the angle you would wish to view. Press the ANGLE button repeatedly to view different angles.



VOLUME

During playback, press the VOLUME+ button to increase the volume and press the VOLUME- button to decrease the volume.

NORMAL OPERATION

CD PLAYBACK

The player will play all tracks on a CD disc by default. You can use the ⏮ and ⏭ (PREV/NEXT skip) buttons, or number buttons to select a track.

MP3 PLAYBACK

MP3 is the third audio compression format of the international standard MPEG. It compresses the audio file size by 12:1. One disc can record more than 600 minutes of music with sound quality similar to that of CD discs.

Programming a play list

Load a MP3 disc. After the disc has been read, "SMART NAVI" will be displayed on the screen. The screen is divided into three columns: Root (upper left), Subdirectory (upper right) and Play Mode (lower). You can use the Left/Right direction buttons to shift between them.

1. When playback is stopped, press the Left/Right direction buttons to move the cursor to the "PLAY MODE" column. Use the Up/Down direction buttons to select the play mode. Press the Left/Right direction buttons to confirm. Press the Left/Right direction buttons to move the cursor to the Subdirectory column, and use the Up/Down direction buttons or number buttons to select a MP3 folder. Press the OK button to confirm. Press the Up/Down direction buttons or number buttons to select the track you like and press the OK button to confirm.
2. Press the ⏮ and ⏭ (PREV/NEXT skip) buttons to select the previous/next track in the same folder.
3. Press the STOP button and then use the direction buttons to return to the previous menu level.
4. When all track selection is finished, first press the STOP button to end play list programming, and then press the PLAY button to start playback.

◆ There is no search by time and slow playback function for MP3 discs.

NORMAL OPERATION

JPEG PLAYBACK

JPEG is a common picture format that requires small amounts of storage per image and has low loss in resolution. Hundreds of pictures can be stored on a disc in this format. In order to view JPEG photo albums, you can ask your film development company to make a "PICTURE CD" when they develop your film.

OPERATION

1. Normal Playback

Load a JPEG disc in. After reading the disc "SMART NAVI" and "ROOT" will be displayed on the screen (the left is the menu of last level and the right is the menu of next level). Use the OK button and Left/Right direction button to select a submenu with picture, and then use the Up/Down direction button to select the contents.

- **Many discs have other contents besides pictures.**
- **Press the Left/Right direction button to move cursor to "PLAY MODE" column and use Up/Down direction button to select the play mode.**

For example: choose "FOLDER" in "PLAY MODE", and then use direction buttons to select the name of picture file. Press the OK button to confirm to play.

- Use the PREV/NEXT SKIP button to select the pervious or next part of a picture.

2. Picture Rotation

This can be used only when the picture is normally displayed. Once another picture is selected, rotation will be cancelled automatically.

There are four kinds of rotational modes: Inversion, Enantiomorphism, rotate left and rotate right. You can use direction buttons to select:

"UP" ----- Inversion/Normal
"DOWN" ----- Enantiomorphism/Normal
"LEFT" ----- Rotate left
"RIGHT" ----- Rotate right

3. Zoom and Move of Picture

The FEATURE button is used to turn on/off the zoom function and the move function.

When this function is turned on, use REV/FWD SCAN button to control zoom proportion and the TV screen will display the relevant proportion. Then you can use direction buttons to move the picture.

When this function is turned off, the picture will resume back to normal size.

- **Depending on how the disc was made, a JPEG disc may allow playback , but not rotation or zooming of the images.**

PLAYBACK FUNCTIONS

STOP

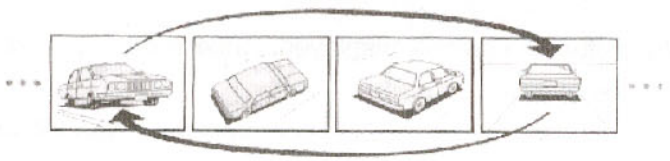
When you press the STOP/BAND button in DVD playback, playback will stop, but you can resume playback from the same point by pressing the PLAY button (for DVD discs). Press the STOP/BAND button twice to stop playback completely and return to the beginning of the disc.

PAUSE

Press the PAUSE/STEP button to pause, and press it repeatedly to play frame by frame.

REPEAT

1. Use the REPEAT button to repeat a chapter (section), a title, a track or a disc, and also to cancel repeat.
2. Use the A-B button on the remote control to repeat a section A to B. The player can repeat any section A-B. Press once to set the starting point A, the second time to set the ending point B, and the third time to cancel repeat.



◆ Some discs do not support the repeat function.

SEARCH BY TIME

You can use the GOTO button on the remote control to search by time, namely to play from a specific time.

Press the GOTO button once to display the title or chapter for DVD discs, and use the number buttons or direction buttons to select any one of the titles or chapters. Press the GOTO button twice and then use number buttons to input the time (hour, minute, and second). Press the OK button and the player will play from the inputted time.

Press the GOTO button to input the time for CD discs and the player will play from the inputted time.

◆ Some DVD discs do not support the search function.

PLAYBACK FUNCTIONS

FAST PLAYBACK

Press the fast FWD/REV SCAN button on the remote control to activate fast forward or rewind.

SLOW PLAYBACK

Press the SLOW button to activate slow forward or rewind.

- There is no slow playback for CD and MP3 discs.

ON SCREEN DISPLAY

Press the OSD button on the remote control to display relevant disc information.

PROGRAM PLAYBACK

Use the PROGRAM button on the remote control to activate program playback of CD discs

Operation steps:

1. In stop status, press the PROGRAM button to enter program status.
2. Use the number buttons to input program contents following the prompts.
3. Repeat step 2 to program more contents.
4. Press the PLAY button to activate program playback.

PLAY

Press the PLAY button to start playback. Press the POWER button on the remote control to enter standby status, and press it again to resume back to playback status.

SCAN TYPE

If you have a TV with progressive scan, please select progressive scanning output for more vivid picture. Progressive scanning output only applies to the component signal. If using a common TV, then please select interlaced output. There is no picture in composite video status.

PLAYBACK FUNCTIONS

CLEAR

In stop status, press the CLEAR button on the remote control, to resort all setup to its original settings.

ZOOM

Use the FEATURE button on the remote control to achieve several zoom effects.

Press the FEATURE button to achieve the following zoom sequence.

×1.5 → ×2 → ×3 → normal playback

◆ There is no zoom function for MP3 or CD discs.

SYSTEM SETUP

SETUP MENU

In stop status, press the SETUP button on the remote control to display a main menu (GENERAL SETUP, SPEAKER SETUP, AUDIO SETUP, PREFERENCES & EXIT SETUP).

Operation steps:

1. Press the SETUP button to enter the main menu.
2. Use the Up/Down direction buttons to choose the item you want to set and press the OK button to select it.
3. After entering the submenu, use the direction buttons to choose the item you want to set and press the OK button to select it.
4. Press the SETUP button to exit from the setup menu.

GENERAL SETUP

The general setup is shown as following:

1. TV DISPLAY (NORMAL/PS, NORMAL/LB & WIDE)
   The player allows you to set the best screen proportion depending on the disc.
2. PIC MODE (AUTO, FILM, VIDEO, SMART, SSMART)
   You can set different picture types. Normally this is set to be "AUTO".
3. ANGLE MARK (ON & OFF)
   You can select the angle you like to enjoy.
4. OSD LANG (ENGLISH, FRENCH, GERMAN, ITALIAN, SWEDISH, DANISH, JAPANESE, PORTUGUESE & SPANISH)
   You can set the subtitle language according to you prefer.
5. CAPTIONS (ON & OFF)
   You can select to play the disc with captions on or off.
6. SCR SAVER (ON & OFF)
   You can select "ON" to enable a screen saver after an idle time. Select "OFF" to turn off this function.

◆ After entering the submenu, select "MAIN PAGE" and press the OK button to return to the previous menu.

SYSTEM SETUP

SPEAKER SETUP

The speaker setup is shown as following:

1. DOWNMIX (LT/RT, STEREO, VSS & OFF)
   Select an item to output as a left/right signal, a common stereo signal, or a virtual surround signal.
2. FRONT (LARGE & SMALL)
3. CENTER (LARGE, SMALL & OFF)
4. REAR (LARGE, SMALL & OFF)
5. SUBWOOFER (PRESENT & NONE)
6. CNTR DELAY
7. REAR DELAY
8. TEST TONE (ON & OFF)
   Select "ON" to test the tone of all channels in turn.

◆ Only when DOWNMIX is set to "LARGE", can the center and subwoofer speaker setup be carried out. The center and surround speakers setup be turned on before setting "CNTR DELAY" and "REAR DELAY".

AUDIO SETUP

The audio setup is shown as following:

1. AUDIO OUT (ANALOG, SPDIF/RAW & SPDIF/PCM)
   Select "SPDIF/RAW" and the amplifier should have source code or AC-3 decoding function. Select "SPDIF/PCM" and the amplifier should have PCM or AC-3 decoding function.
2. OP MODE (LINE OUT & RF REMOD)
   You can select different item to make linear or radio frequency process to audio signal.
3. DUAL MONO (STEREO, L-MONO, R-MONO & MIX-MONO)
   The function is used to set the output mode of channel left/right. DVD discs with 5.1ch will only be effective when is being set "MIX-MONO".
4. LPCM OUTPUT (LPCM 48K & LPCM 96K)
   There are two kinds of sampling frequency for selection.

SYSTEM SETUP

PREFERENCES

You can set preferences for the following features:

1. VIDEO OUTPUT (S-VIDEO, Y PB/CB PR/CR)
   You can choose the appropriate video output.
2. AUDIO (ENGLISH, FRENCH, SPANISH, CHINESE, JAPANESE, GERMAN & ITALIAN)
   There are several audio languages in some DVD discs. If there is no preset in the disc, then the set language will have the priority to be played first.
3. SUBTITLE (ENGLISH, FRENCH, SPANISH, CHINESE, JAPANESE, GERMAN & ITALIAN)
   If a DVD disc has all above languages, then it will be effective to select the language of audio, subtitle and disc menu; or else it will only display the language recorded in the disc.
4. DISC MENU (ENGLISH, FRENCH, SPANISH, CHINESE, JAPANESE, GERMAN & ITALIAN)
   There are several multi-languages in some a DVD discs. If there is no preset in the disc, then the set subtitle language will have the priority to be played first.
5. LOCALE (CHINA, FRANCE, HONG KONG, JAPAN, TAIWAN, GBR & USA)
   As for the disc with local limitation, you can choose the region.
6. PARENTAL
   DVD discs with parental function are divided into several levels. You can select relevant level according to the disc and your desire. "NO_PARENTAL" is the default mode of the player.
7. PASSWORD (CHANGE)
   1) Press number buttons to input the old password 3308.
   2) If you input a wrong password, please input the old password again until the password is correct.
   3) Press number buttons to input the new password.
   4) Confirm the new password.
   5) Press OK button to return to the main menu.
8. DEFAULTS (RESET)
   If you select "RESET" in default mode, then all functional setup will return to the original status.
9. SMART NAV (NO MENU & WITH MENU)
   For CD-ROM (e.g. MP3 & JPEG) discs, the TV screen will display the detailed structure of the disc file. For JPEG files, this item should be set to be "WITH MENU". If selecting "NO MENU", then it will be suitable for playing MP3 discs.

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TROUBLESHOOTING

SYMPTOM	CHECK
There is no sound from TV.	- Check connection between Player and TV. - Check that TV and speakers work correctly. - Check that TV is not muted.
There is no sound from the Player's speakers.	- Check connection between Player and speakers. - Check that the Player's sound is not muted. If required, press the MUTE button to cancel.
There is no picture.	- Check connection between Player and TV. - Check that TV has been turned on and is on correct video setting. - Check that the Progressive scan / Interlace switch on the rear of the Player is set to match the display device.
The player does not play.	- Check that disc loaded is not upside down. - Check that disc is not dirty or warped.
The remote control does not function.	- Check that there are no obstructions between the remote control and the Player. - Ensure that the remote control is pointed at the remote sensor. - Place new batteries in the remote control. - Check that the batteries are inserted correctly (with the correct polarity) in the remote control.
Poor AV performance	- Check that the disc is not dirty, warped or damaged. - Check that the MP3 files were created with sufficient compression quality.
Disc cannot continue to play or plays a section repeatedly.	- Check that the Player does not have A-B repeat activated. If required, press the A-B button to cancel. - Check that the disc is not dirty or damaged. If the disc is dirty or damaged, clean the disc, or search by time to skip the section.
Poor radio reception.	- Check that the antenna connection is correct. - Ensure that the antenna is away from the system and other equipment. - Ensure that the antenna is fully extended.

Other Notes:

Static or other external interfere may cause the player to behave abnormally. In this occurs, unplug the power-supply cord from the outlet and plug it in again to reset the player. If the problems persist, then please disconnect the power and consult your service center or a qualified technician.

SPECIFICATIONS

General Specification	Power		100-240V~50/60Hz
	Power Consumption		150W
	Weight (approx.)		4kg
	Dimensions		430×73×295mm (w/h/d)
	Operating Temperature		+2℃~+40℃
Player	Disc Type		DVD, CD, CD-R, CD-RW, MP3
	Frequency Response		20Hz~20kHz ±2.5dB
	Audio Signal-to-noise Ratio		≥ 85dB (1kHz)
	Audio Distortion + Noise		≤ -70dB (1kHz)
	Channel Separation		≥ 70dB (1kHz)
	Dynamic Range		≥ 80dB (1kHz)
	Output	Analog Audio Output	Voltage: $2V\pm^{0.2}_{1.0}$, Impedance: 10KΩ
		Digital Audio Output	Voltage: 0.5Vp-p, Impedance: 75Ω
		Video Output	Voltage: 1Vp-p±0.2, Impedance: 75Ω, Unbalanced
		S-Video Output	Voltage: Y: 1Vp-p, C: 0.286Vp-p, Impedance: 75Ω
		YCb(Pb)Cr(Pr) Output	Voltage: 0.7Vp-p, Impedance: 75Ω
Digital Amplifier	Total Power		500W
	Analog Input		Optional AUd1 & AUd2 Input
			Impedance: 10KΩ
	Total Harmonic Distortion		≤1%
	Signal-to-noise Ratio		≥80dB
	Cross Attenuation		≥60dB
	Frequency Response		20Hz~20kHz ±2dB
Radio	System		PLL
	Frequency Range	AM	520~1710kHz
		FM	87.5~108MHz

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